APRIL/MAY 2025

GCM34/DCM34 — RESEARCH METHODOLOGY

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define research
2. What are research problems?
3. List out the three elements in the process of sampling.
4. What is pre-testing.?
5. What is data processing?
6. Define analysis of data.
7. What is ANOVA?
8. Give the formula of find out the chi-square value.
9. Give the meaning of report.
10. List out the layout of research report.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain the various type of research.

Or

(b) State the difficulties of carrying out social research.

12. (a) Describe the advantages and disadvantages of sampling.

Or

(b) Explain the different methods of collection of secondary data.

13. (a) Distinguish between editing of data and coding of data.

Or

(b) List out the uses of computer in social research.

14. (a) What are the various assumptions used in the f- text?

Or

(b) Write short note on:
(i) Latin — square,
(ii) Coding of data

15. (a) Explain are the essentials of a good report.

Or

(b) Discuss the core feature of SPSS.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the different types of hypotheses.

17. Describe the various methods of sampling.

18. Explain the different forms of interpretation.

19. Describe the technique of ANOVA for one way and two-way classification.

20. Enumerate the types of report.

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